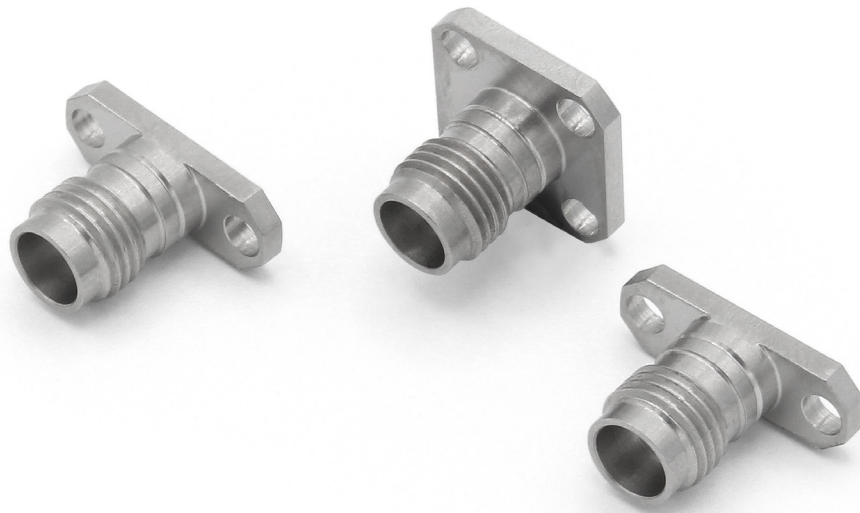


Our superior quality RF connectors with 1.85mm (V connector, V Type) interface are manufactured with beryllium copper contacts and stainless-steel connector bodies. Our 1.85mm connector provides mode free operation up to 65GHz.

The 1.85mm connectors have M7 threads and are mechanically compatible with 2.40mm connectors. Also known as "V connectors" they cover the V-band frequency. The 1.85mm connectors are used in a wide range of applications including Military, Aerospace, SATCOM, Test & Measurement etc.



Key Features:

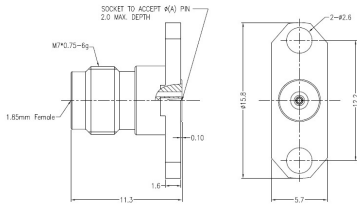
- 50-ohm Impedance
- Insulation resistance >5000MΩ
- Durability >500 Cycles
- Available in Male and Female Threads
- Available in Plug or Jack
- Beryllium Copper Contact Pin
- Body Material available in Stainless Steel Passivation.

1.85mm Series Flange Mount



RF185A2JEGA

- Max Voltage 150V
- Operating Temperature -40C to +85C
- Frequency Range 0-65GHz
- VSWR <1.30
- Dielectric withstanding Voltage >500V



Part Number	F2 or F4	Plug or Jack	Flange Mount Length	Mount Hole Distance	Socket Diameter
RF185A4JCCA	4	Jack	12.70mm	8.60mm	0.23mm
RF185A4JCCB	4	Jack	12.70mm	8.60mm	0.30mm
RF185A4PCCA	4	Plug	12.70mm	8.60mm	0.23mm
RF185A4PCCB	4	Plug	12.70mm	8.60mm	0.30mm
RF185A2JEGA	2	Jack	15.80mm	12.20mm	0.23mm
RF185A2JEGB	2	Jack	15.80mm	12.20mm	0.30mm

#### Electrical:

Insulation Resistance:	>5000MΩ
Impedance:	50Ω
Centre Contact Resistance:	<4.0mΩ
Outer Contact Resistance:	<2.5mΩ

#### Mechanical:

Centre Contact Retention:	>20N
Coupling Torque:	0.80Nm to 1.10Nm
Coupling Torque RPC N:	1.36Nm
Cycles:	>500

#### Material

Body:	Passivation of Stainless Steel
Contact:	Beryllium Copper
Insulator:	UNFILLED ULTEM 1000
RoHS:	Compliant

# Mouser Electronics

Authorized Distributor

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